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TO : The Files - RD-103, Task Order 10

DATE: 30 December 1959

FROM :

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SUBJECT: Trip Report -

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1. On 7, 8 and 10 December 1959 a visit was made to the []
[] to discuss the progress on Contract RD-103, Task Order
10. The following persons were present at this conference:

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2. The work on the RS-16B which was developed under Task Order 10 has been completed. The final report is still outstanding. This will take the form of an addendum to the RS-16 test power supply manuals. The main topic of discussion considered under this task order was the development of a strip reader for the RS-16. While at [] a plan was proposed to use a strip reader and an exciter which would be using the QFM techniques to work with transmitters, like the HT-4, already in place in the field. This would be an easier way of providing for higher volume emergency high speed communications from the field locations []
[] The price quoted for doing this work was \$157,000.00 with six units delivered in five months. This would mean that [] would be making the tape reader. If we did not have [] make the tape reader the cost would then be \$125,000 to \$135,000. Since the visit to the West Coast, however, a new approach is being considered and [] has been contacted to furnish us pricing information. It is planned that the present RS-16B could be more easily modified with a strip reader replacing the coder. The heat sink in the high voltage supply would have to be improved for the increased duty cycle, 250 groups instead of 50. The requirement for operating below 6 mc would be taken care of by signal planning. [] has been asked to price the engineering for developing a field modification kit to enable the 16's to be used with this strip reader. The strip reader would be the Potter commercial version. This Potter strip reader sells for \$2,575. We are presently awaiting the pricing from the []

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DDG	30	REV DATE	7 APR 1980	BY	064540
ORIG COMP	033	OPI	56	TYPE	02
ORIG CLASS	5	PAGES	1	REV CLASS	C
JUST	22	NEXT REV	2010	AUTH:	HR 70-2

Distribution: R+D Subject File/Monthly Report/OC-T/R+D-Lab/EP Chrono

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